WHAT IS CLAIMED IS:

1.   A method for concealing the effect of missing speech information on a speech signal generated at a decoder, said missing speech information having been compressed and transmitted in packets to the decoder which does not receive one or more of such packets, the method comprising the steps of:

generating a speech signal based on received packets representing speech information;

in response to a determination that one or more packets are not available at the receiver to form the speech signal, synthesizing a portion of the speech signal corresponding to the one or more unavailable packets using a portion of the previously formed speech signal, wherein the duration of the previously formed portion used in such synthesis is determined based on a duration of packet unavailability.

2.   A method for concealing the effect of missing speech information on generated speech, said speech information having been compressed and transmitted in packets to a receiver which does not receive one or more of such packets, the method comprising the steps of:

forming a speech signal based on received packets representing speech information;

when one or more packets are not available at the receiver to form the speech signal,

determining a duration of packet unavailability;

determining a portion of the previously formed speech signal based on the duration of packet unavailability; and

synthesizing a portion of the speech signal corresponding to the one or more unavailable packets using the determined portion of the previously formed speech signal.

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